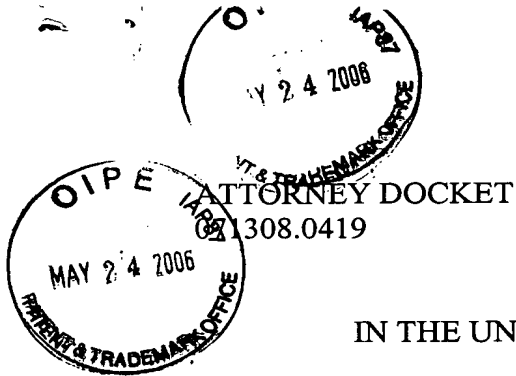


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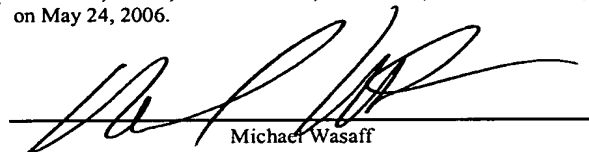
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ulrich Bungert et al.  
Serial No.: 09/972,365  
Date Filed: October 5, 2001  
Group Art Unit: 2113  
Examiner: Maskulinski, Michael C.  
Title: **AUTOMATIC GENERATION OF  
DIAGNOSTIC PROGRAMS FOR SPS-  
CONTROLLED SYSTEMS**

**MAIL STOP – AF**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail No. EV352444250US addressed to: Mail Stop – AF, Commissioner of Patents, Office, P.O. Box 1450, Alexandria, VA 22313-1450, on May 24, 2006.



Michael Wasaff

Dear Sir:

**RESPONSE TO FINAL OFFICE ACTION**

In response to the Final Office Action mailed February 8, 2006, Applicants respectfully submit the following amendments set forth below and request favorable action thereon.

**Remarks/Arguments** begin on page 2 of this paper.